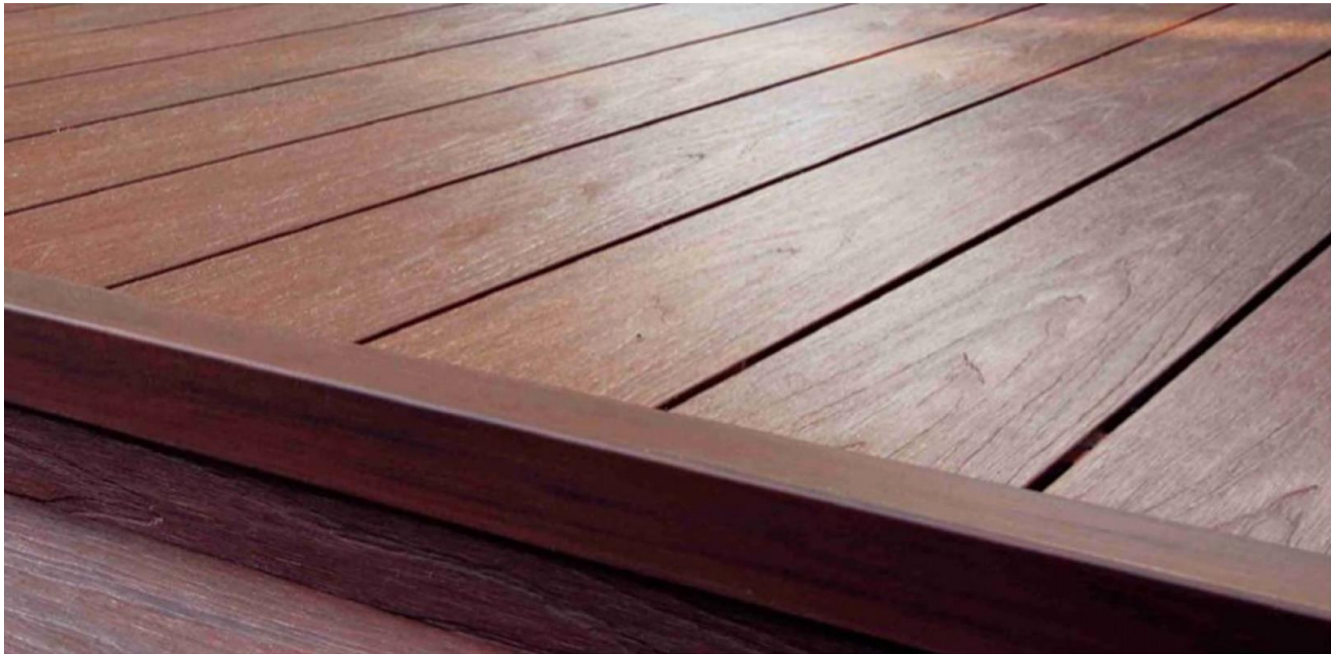


COMPOSITE DECKING

“ARTOMAT WPC” Co-extrusion series

Timber for the Future

Co-extrusion series to achieve excellence, constantly brings new concept to the WPC decking. It is the new generation of composite decking. The new concept of the engineered elastomer shield has remarkably achieved anti-slip flooring. Its unique texture will give you a comfortable and memorable experience in any outdoor environment.



STRENGTHS

- Anti - Slip
- Soft Touching
- Sound Absorption
- Scratch Resistance
- Comfortable Texture



FACTORY IN CHINA

Our factory is producing, managing and developing wood plastic composite (WPC) materials and products. We took part in formulating the WPC national standards, and is also the first introduction of foreign prescription.

We have developed the tailor-made of WPC mold tools, also with the necessary accessories of decking and railing, now our products have been greatly meet with the customers` needs, and provided lots of convenience to the customers.

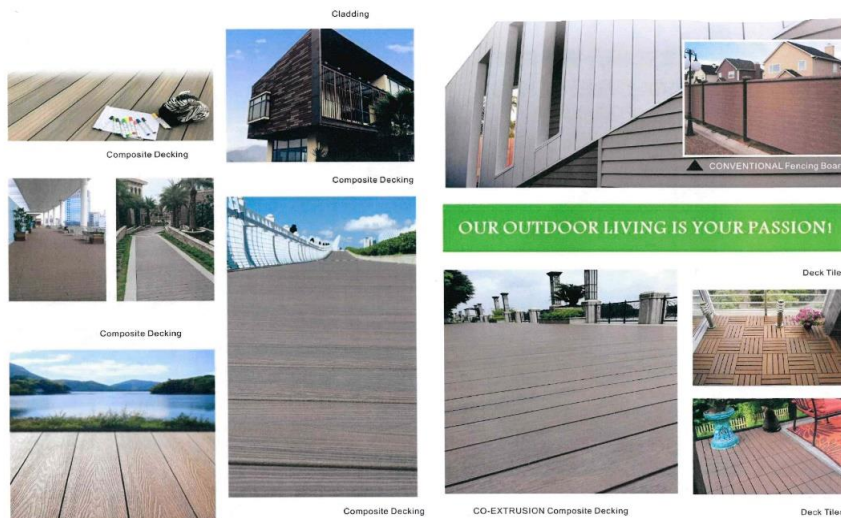
PRODUCTION



QUALITY CONTROL



COMPOSITE DECKING, CLADDING & DECK TILES



WHY CHOOSE US

“ARTOMAT WPC” is keeping following the development trend of the international WPC product featuring powerful Research & Development Institution, constantly introducing the new products to meet the customers` needs.

“ARTOMAT WPC” is adopting the latest international WPC standards, equipping with full ranges of testing equipment and a perfect quality assurance system.

ADVANTAGES OF “ARTOMAT WPC” CO-EXTRUSTION SERIES

- Technology
Using the latest technologies, our extrusion process ensure composite homogeneity and constant quality in every piece of “ARTOMAT WPC”.
- Environmentally Friendly
“ARTOMAT WPC” is made from recycled materials, reducing the impact of waste products on the environment.
- Natural Feel
Looks and feels like natural wood.
- Durability
Does not rot or crack and look like new for years.
- Barefoot Friendly
Unlike traditional natural wood decking, “ARTOMAT WPC” decking is splinter-free, so it is soft to the touch for unmatched barefoot comfort.
- Weather Resistant
Suitable from -40° C to 60° C
- Low Maintenance
No oiling or painting required, “ARTOMAT WPC” is absolutely maintenance free.



WHAT IS “ARTOAMT WPC” COMPOSED

“ARTOMAT WPC” Co-extrusion series is composed of 60% waste wood fiber, 30% thermal plastic resin waste plastic (PE, Polyethylene) and 10% additives. Waste wood fiber is retrieved from demolition sites, lumber mills, factories, wood shops and other sources utilizing wood as a basic raw material in the production of goods. The waste wood is the retrieved and ground to hundreds of microns and is then mixed and kneaded with waste plastic. The resulting WPC mixture is extruded with heat through custom made molds and cooled with water immediately thereafter with 1.5mm thick elastomer shield coating.

Core Materials

PE – 30%

Wood Fiber – 60%

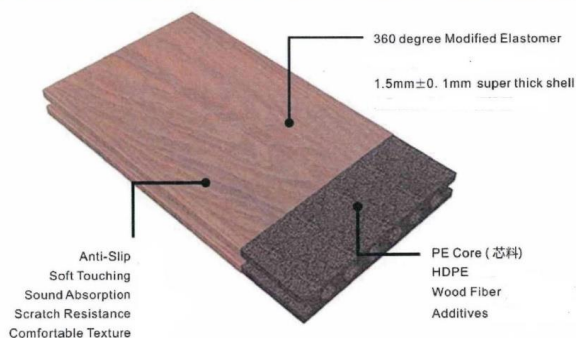
Additives – 10%

Engineered Elastomer Shield

4 surface modify Elastomer

1.5mm +/- super thick shield coating

Anti-Slip and Soft touching effect



COLORS, SPECIFICATION, MODEL & CERTIFICATION

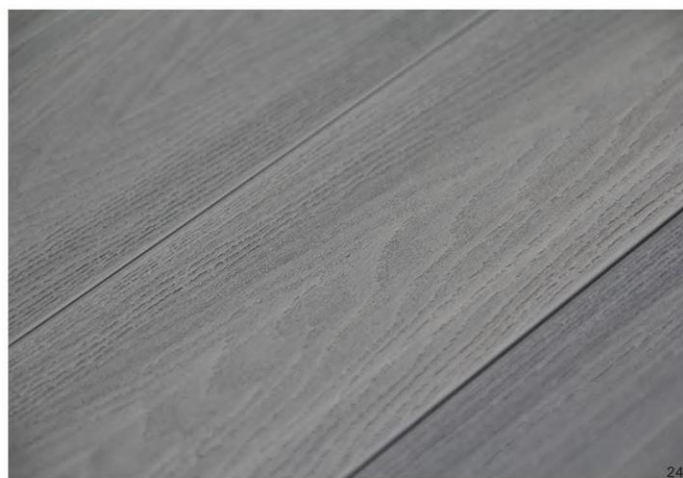
6 COLORS AVAILABLE



The color of the products is different from the effect of the camera and the display of the computer display.

Material Specification

TEST ITEM	TEST PARAMETER	TEST RESULT
Anti-slip Property	DIN 51130:2014-02	R11
Falling mass impact resistance	Clause 7.1.2.1 of EN 15534-1:2014	0.11mm
Resistance to indentation	Clause 7.5 of EN 15534-1:2014	61N/mm ²
Abrasion Resistance	ASTM D4060-14	12.4mg / 1000r
Pendulum Test	EN15534-1:2014 ≥36	Length direction:105 With direction:107
Swelling in thickness (24h)	ASTM D1037-12 Section 23 Method B	0.13%
Water absorption	ASTM D1037-12 Section 23 Method BA	0.43%
Mould Resistance Test	ASTM G21-2015	0
UV Ageing Testing	EN 15534-1:2014 Section 8.1 and EN 927-6:2006a	Grey Scale: 4.5 ΔE = 3.04
Tensile Strength Perpendicular to The Plane	EN 319:1993	1.85 N/mm ²

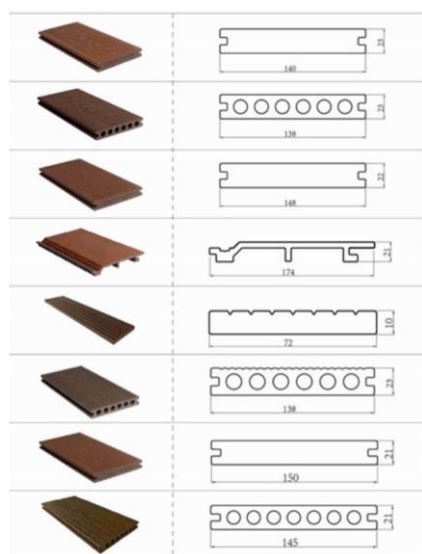


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Image

Section

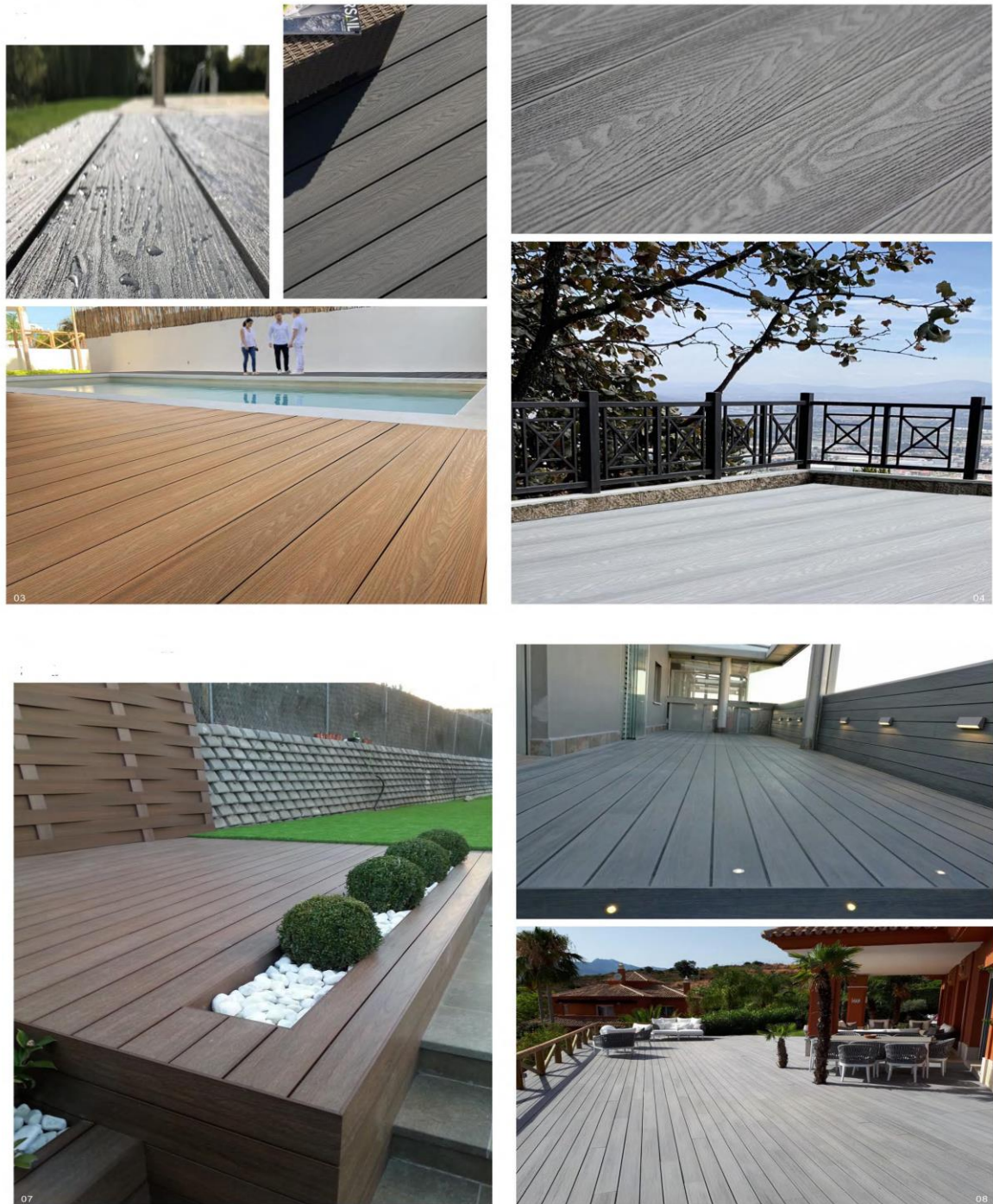
Certification



“Artomat WPC” CO-EXTRUSION SERIES – JOB REFERENCE



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**ARTOMAT
WPC**

Wood
Plastic
Composite